

ABSTRACT OF THE DISCLOSURE

The present invention is an improved replaceable LED module. In particular, the present invention is directed to an environmentally resistant LED module for mounting on at least a pair of electrical leads with a non-conductive sheath surrounding conductive wire. A replaceable LED module preferably comprises a circuit board removably secured to a base by a set of snap tabs on the base. The base has two open ends and contains two electrical leads that traverse the base through the open ends. A protective gasket preferably covers the circuit board. The circuit board is preferably coated in acrylic conformal coating. The preferred circuit board has an LED and two contact teeth. Each contact tooth pierces the protective gasket and the non-conductive sheath of an opposing stranded electrical lead and makes electrical contact with the conductive wire. Thus, power is supplied to the LED from the leads while maintaining the protective gasket and sheath.